

REVISION HISTORY					
SHEET	REV	DATE	DESCRIPTION	APPROVED	CHECKED BY
ALL	1	9/14/17	INITIAL RELEASE	JT	LS
ALL	B	9/22/17	ADDED SHT. 2 -10 ENCLOSURE DETAIL; SHT. 1 UPDATED P/N ITEM 11, ADDED ITEM #6, WIRE SPEC WAS MIL-W-22759/41-20-9, ITEMS #7 TO 11 WERE RT-6000-XX.	JT	LS
SHT 2	C	9/25/17	ADDED OPTIONAL FINISH TO ENCLOSURE.	JT	LS
SHT 1	D	9/26/17	ADDED P400 LABLE	PM	LS
SHT 1	E	9/29/17	ITEM 4 WAS MS24523-27	JT	LS
SHT 1	F	02/13/18	ITEM #1, 2, 3, 5 MADE ES ALT AND MFG P/N PRIMARY, ADDED ITEM 14 & 15, ADDED NOTES 2 & 3.	JT	LS

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PROTO

Paravion<sup>®</sup> Technology Inc.

DIMENSIONS IN INCHES  
TOLERANCES EXCEPT WHERE NOTED:  
.X = ±.1  
.XX = ±.05  
.XXX= ±.010  
ANGLES=± 1°

THREADS:  
INTERNAL: CLASS 2B  
EXTERNAL: CLASS 2A

3RD ANGLE PROJECTION

DO NOT SCALE DRAWING

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DRAWN BY  
JT

CHK'D BY  
LS

APRVD. BY  
JT

DATE  
8/28/17

REV  
F

ECO

SHEET  
1 OF 3

TITLE  
RT MAINTENANCE SWITCH BOX

DRAWING NUMBER  
RT-7000

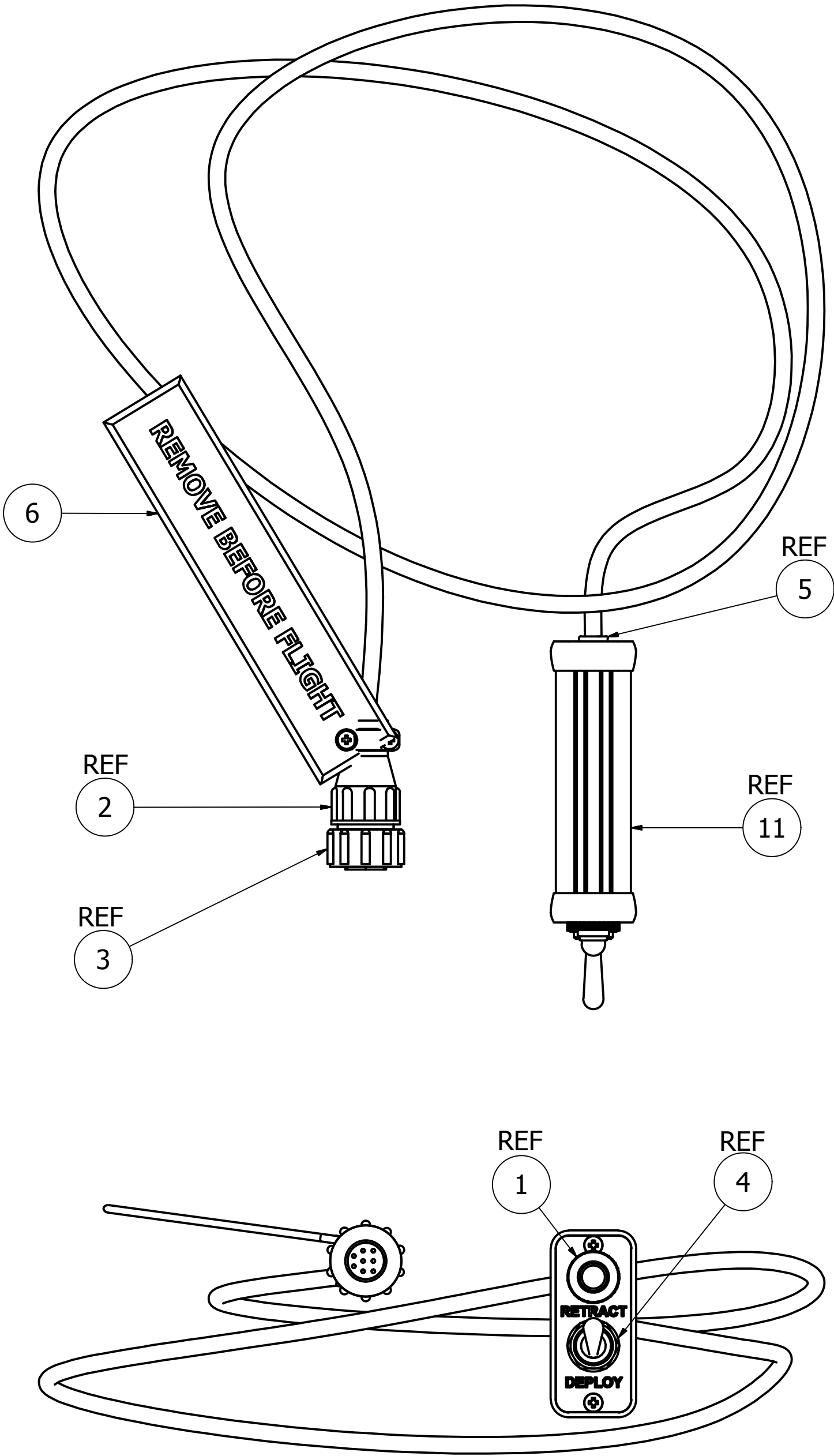
-1 SWITCH BOX ASSEM

NOTES:

1. WIRE MARKING SPACING TO BE 15 INCHES MAXIMUM PER AC 43.13-1B PARA. 11-208.

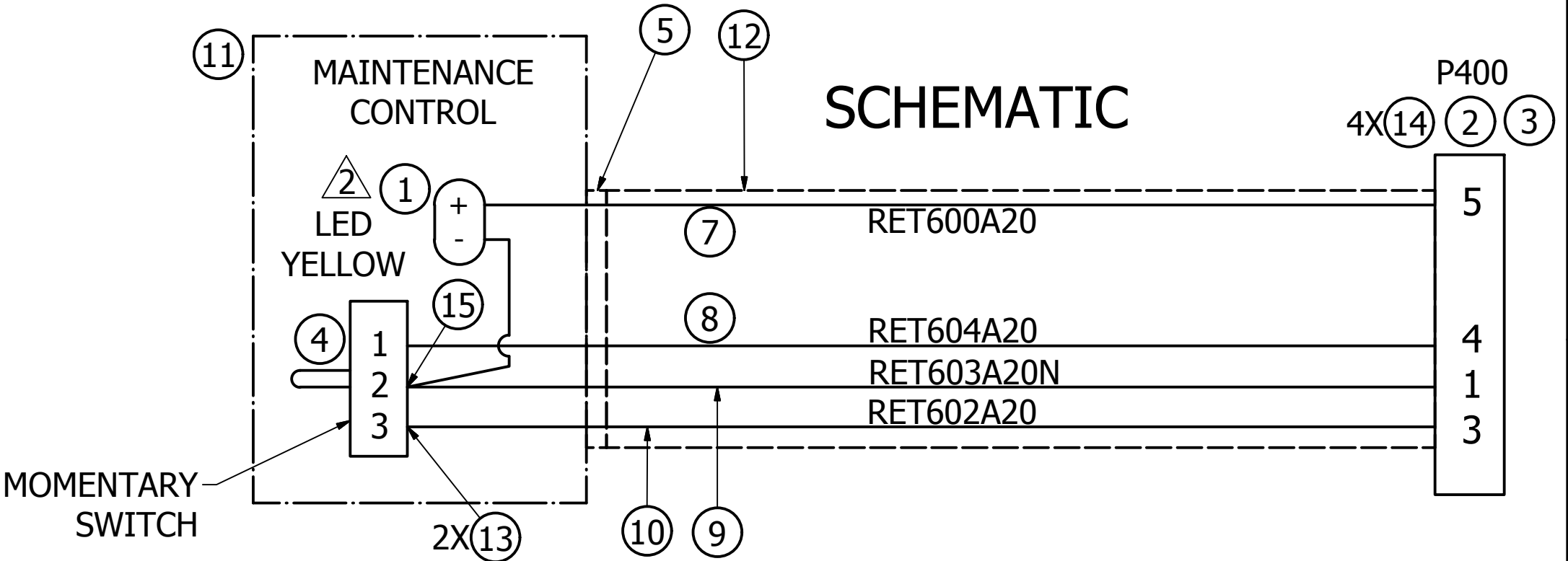
2. ALL SOLDER CONNECTIONS PER MIL-S-45743.

3. ALT. WIRE SPECIFICATION MIL-W-22759/41.



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	249-8072-3733-504F	LED YELLOW (ALT: ES50001-2)
2	1	1-206062-7	BACKSHELL (ALT: ES50238-1)
3	1	206434-1	PLUG (ALT: ES50236-1)
4	1	1NT1-7	SWITCH (HONEYWELL)
5	1	RG18	GROMMET (ALT: MS35489-1)
6	1	ROTARY13B1	REMOVE BEFORE FLIGHT TAG
7	1	RET600A20	WIRE, 20 AWG
8	1	RET604A20	WIRE, 20 AWG
9	1	RET603A20N	WIRE, 20 AWG
10	1	RET602A20	WIRE, 20 AWG
11	1	RT-7000-10	ENCLOSURE
12	57in	WMEXO-250BK	EXPANDO LOOM 1/4"
13	2	MS25036-101	TERMINAL
14	4	M39029/64-369	CONTACT, MALE
15	1	MS25036-106	TERMINAL

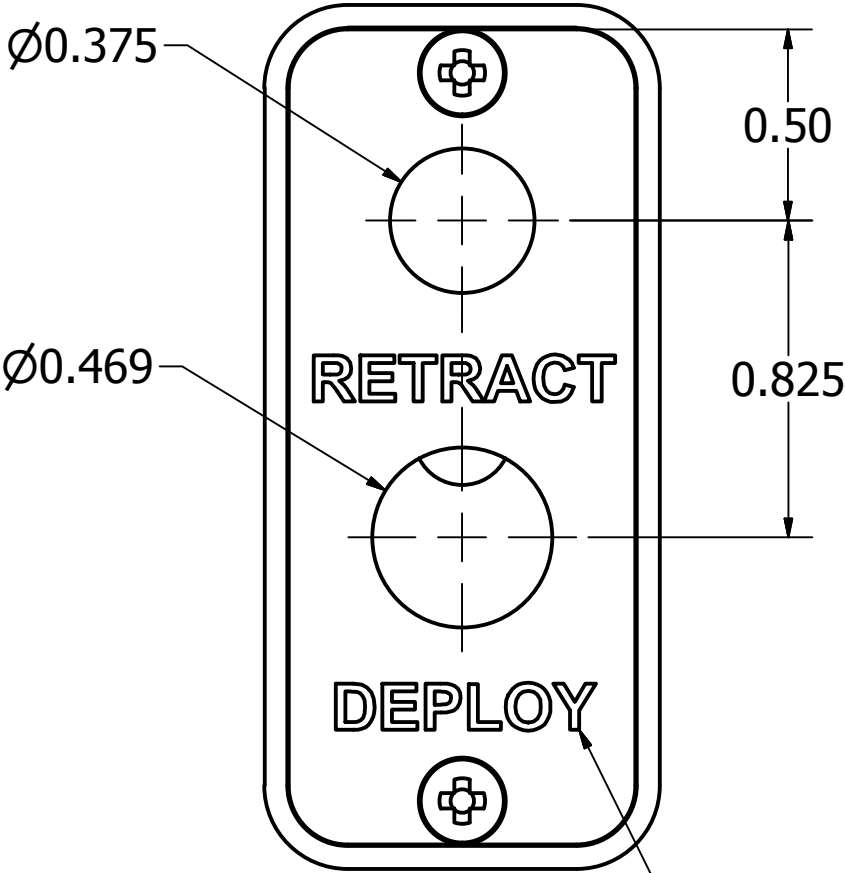
RT-7000 WIRES		
WIRE SPECIFICATION	LENGTH (ft)	WIRE MARKING
MIL-W-22759/16-20-9	5	RET600A20
MIL-W-22759/16-20-9	5	RET604A20
MIL-W-22759/16-20-9	5	RET603A20N
MIL-W-22759/16-20-9	5	RET602A20



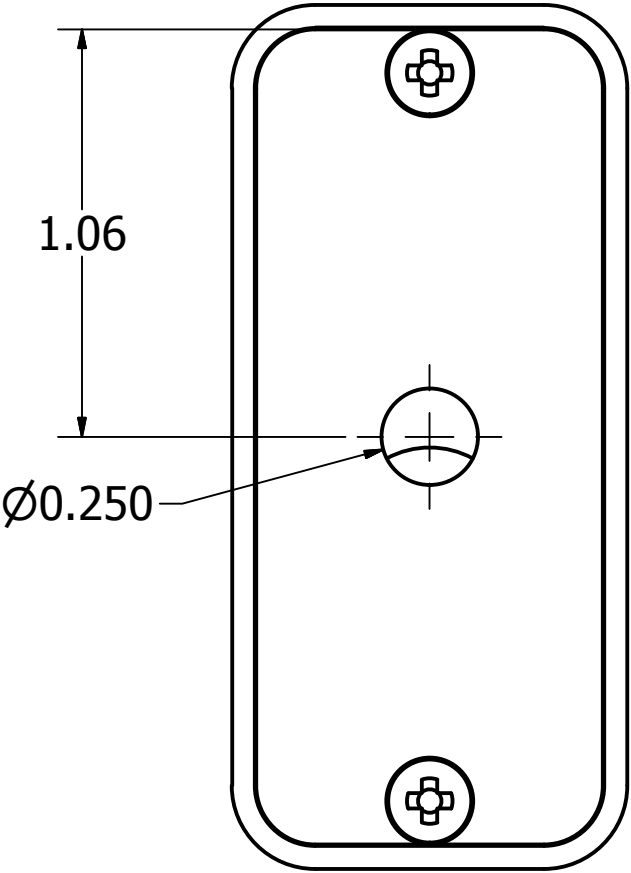
Paravion <sup>®</sup> Technology Inc.		TITLE RT MAINTENANCE SWITCH BOX		DRAWING NUMBER RT-7000	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ±.1 .XX = ±.05 .XXX = ±.010 ANGLES = ± 1°		DRAWN BY JT	CHK'D BY LS	APRVD. BY JT	DATE 8/27/17
THREADS: INTERNAL: CLASS 2B EXTERNAL: CLASS 2A		DO NOT SCALE DRAWING		SHEET 2 OF 3	
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-10 ENCLOSURE

MAKE FROM HAMMOND MANUFACTURING P/N 1455C801BK  
FINISH:BLACK ANODIZE  
OPTIONAL FINISH: CLEAR ANODIZE (MFR'R P/N 1455C801), BLACK POWDER COAT BOTH END PANELS.



LASER ENGRAVE AFTER MACHINING  
FONT: ARIAL BOLD  
SIZE: .120" HIGH  
2X



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